

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051024\
 Data File : BF137895.D
 Acq On : 10 May 2024 22:21
 Operator : CG\JU
 Sample : P2432-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-03-011

Quant Time: May 11 00:44:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:25:08 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.045	152	159192	20.000	ng	-0.01
21) Naphthalene-d8	8.334	136	628393	20.000	ng	-0.01
39) Acenaphthene-d10	10.092	164	348286	20.000	ng	-0.02
64) Phenanthrene-d10	11.586	188	518630	20.000	ng	-0.01
76) Chrysene-d12	14.239	240	296137	20.000	ng	#-0.01
86) Perylene-d12	15.809	264	285427	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	828299	87.116	ng	0.00
7) Phenol-d6	6.663	99	1037605	86.037	ng	-0.01
23) Nitrobenzene-d5	7.610	82	617607	57.101	ng	-0.01
42) 2,4,6-Tribromophenol	10.886	330	281902	79.273	ng	-0.01
45) 2-Fluorobiphenyl	9.410	172	1328945	61.904	ng	-0.01
79) Terphenyl-d14	13.174	244	1061340	60.062	ng	-0.01

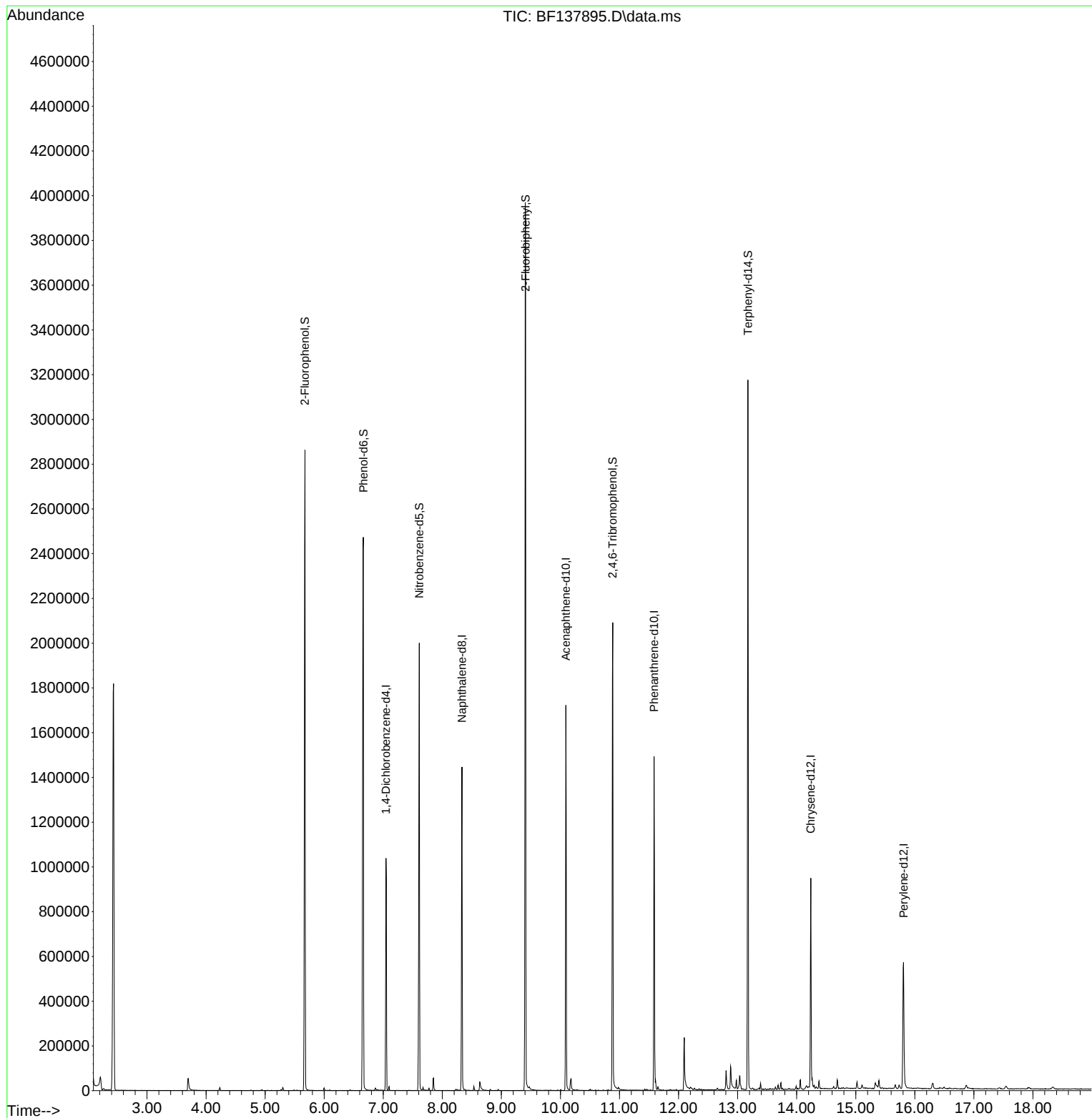
Target Compounds	Qvalue

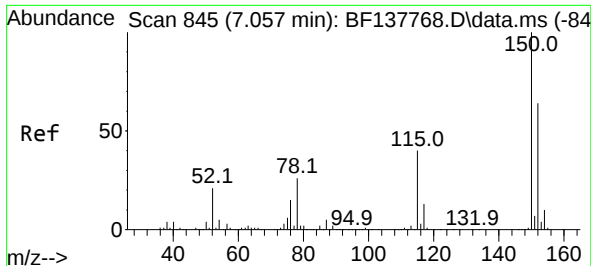
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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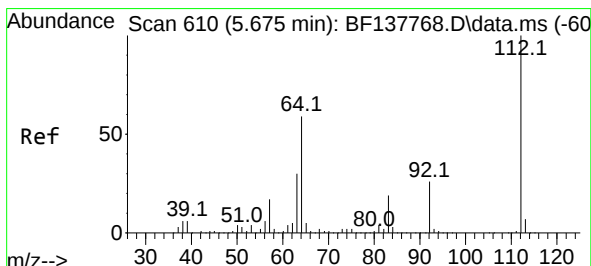
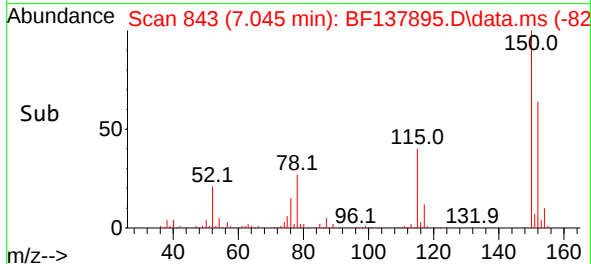
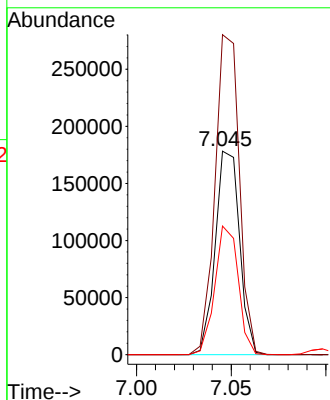
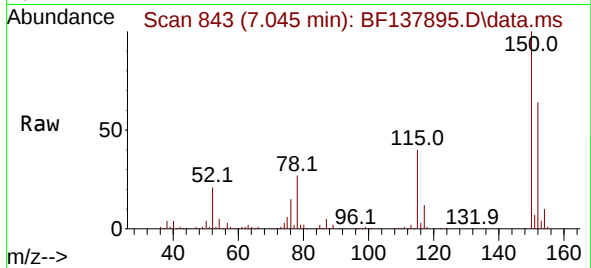




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.045 min Scan# 84
Delta R.T. -0.012 min
Lab File: BF137895.D
Acq: 10 May 2024 22:21

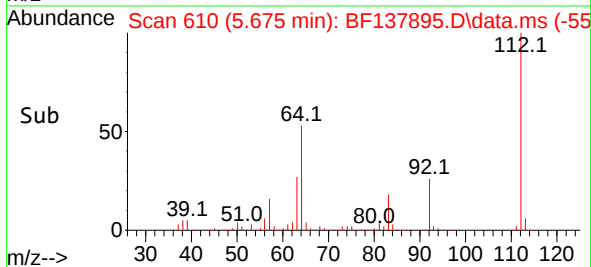
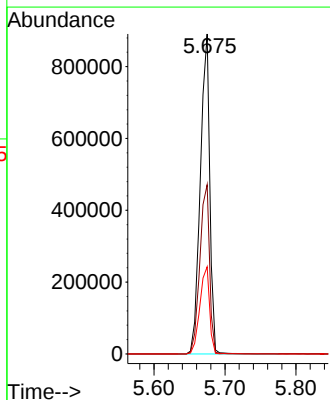
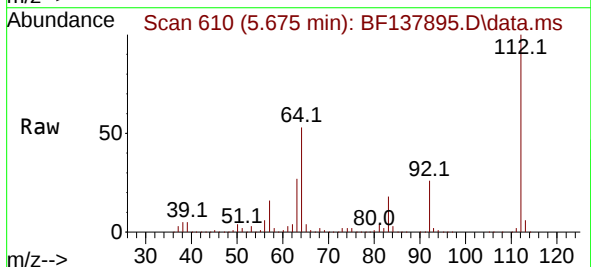
Instrument :
BNA_F
ClientSampleId :
SW-03-011

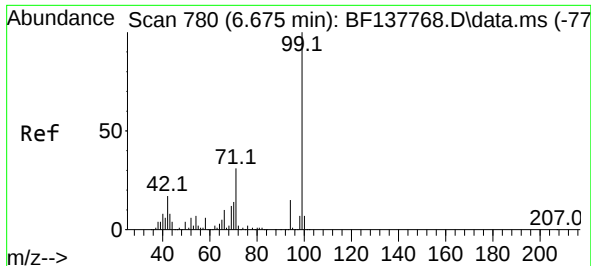
Tgt Ion:152 Resp: 159192
Ion Ratio Lower Upper
152 100
150 157.2 124.1 186.1
115 63.2 49.1 73.7



#5
2-Fluorophenol
Concen: 87.116 ng
RT: 5.675 min Scan# 610
Delta R.T. -0.000 min
Lab File: BF137895.D
Acq: 10 May 2024 22:21

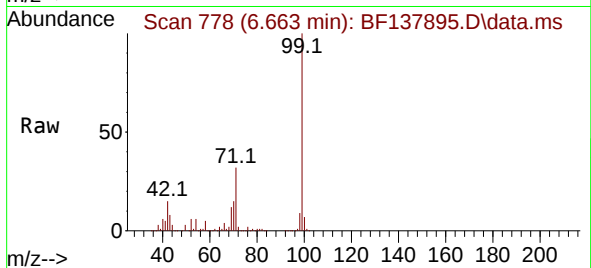
Tgt Ion:112 Resp: 828299
Ion Ratio Lower Upper
112 100
64 52.9 47.3 70.9
63 27.2 23.7 35.5





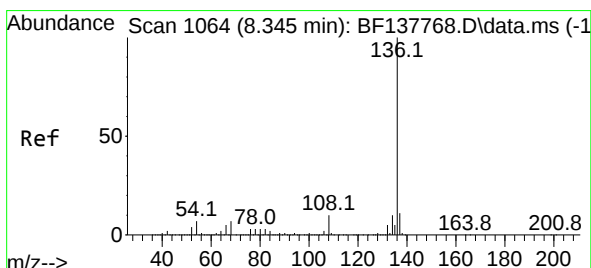
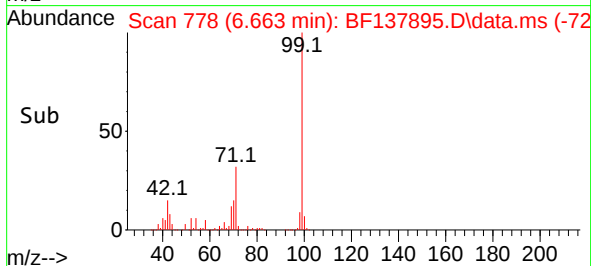
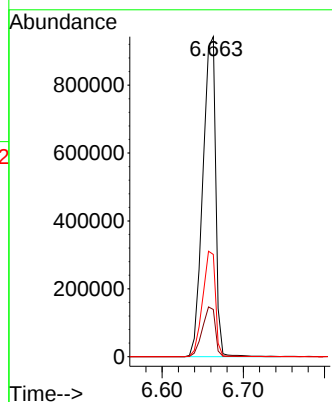
#7
Phenol-d6
Concen: 86.037 ng
RT: 6.663 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137895.D
Acq: 10 May 2024 22:21

Instrument :
BNA_F
ClientSampleId :
SW-03-011



Tgt Ion: 99 Resp: 1037605

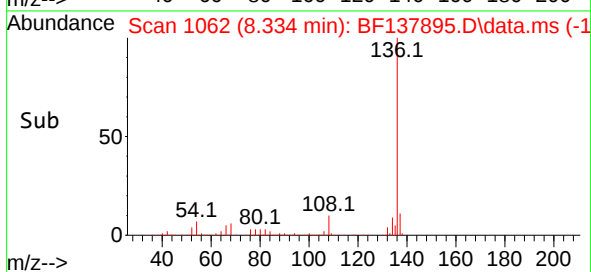
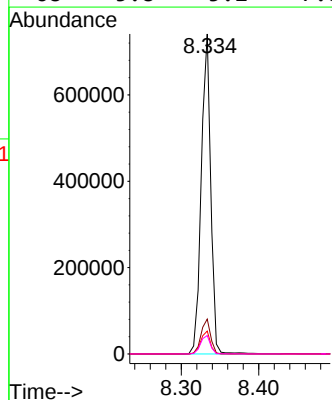
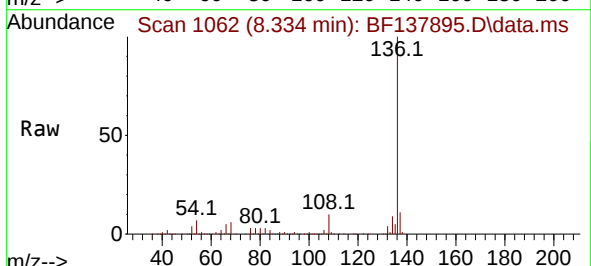
Ion	Ratio	Lower	Upper
99	100		
42	14.7	13.2	19.8
71	31.9	25.0	37.4

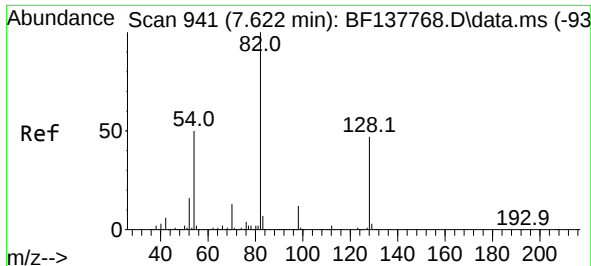


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.334 min Scan# 1062
Delta R.T. -0.012 min
Lab File: BF137895.D
Acq: 10 May 2024 22:21

Tgt Ion: 136 Resp: 628393

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.2	5.8	8.8
68	5.8	5.2	7.8

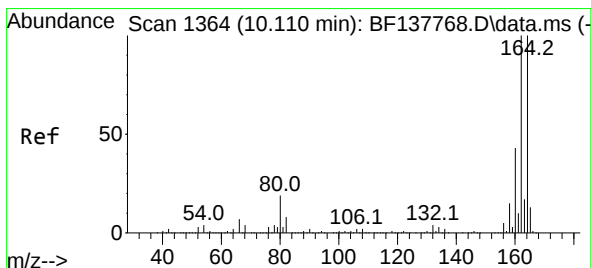
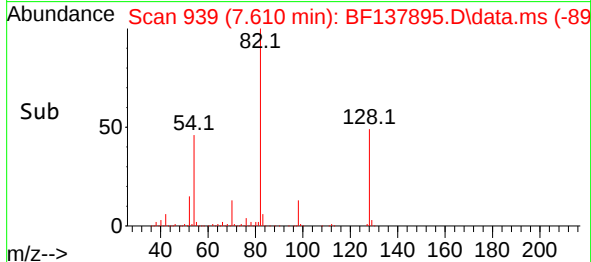
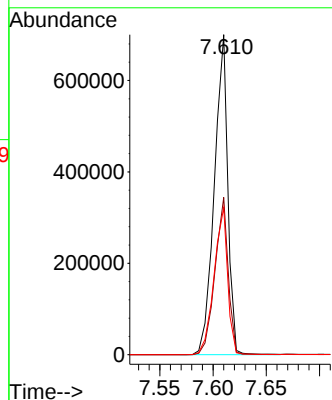
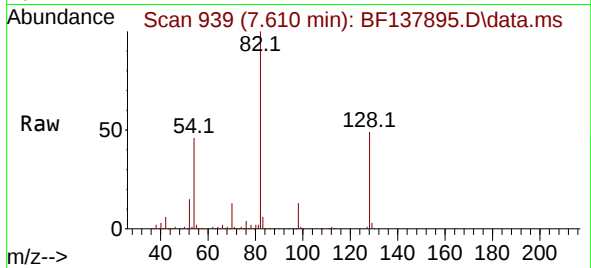




#23
Nitrobenzene-d5
Concen: 57.101 ng
RT: 7.610 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF137895.D
Acq: 10 May 2024 22:21

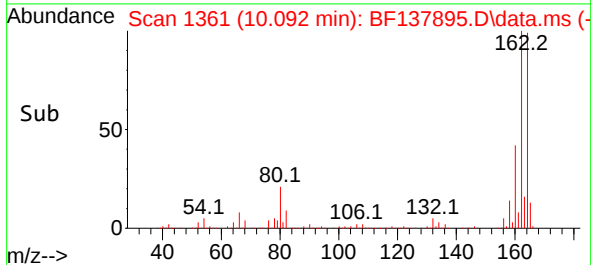
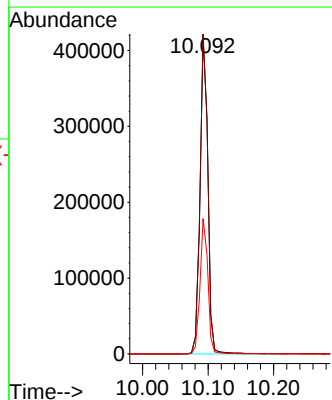
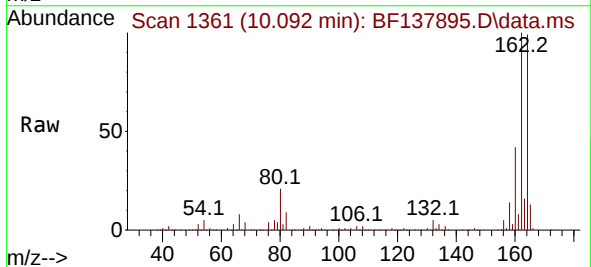
Instrument :
BNA_F
ClientSampleId :
SW-03-011

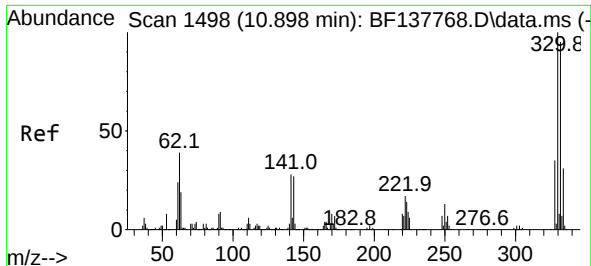
Tgt Ion: 82 Resp: 617607
Ion Ratio Lower Upper
82 100
128 49.1 37.5 56.3
54 45.9 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.092 min Scan# 1361
Delta R.T. -0.018 min
Lab File: BF137895.D
Acq: 10 May 2024 22:21

Tgt Ion:164 Resp: 348286
Ion Ratio Lower Upper
164 100
162 100.7 79.8 119.6
160 42.6 34.4 51.6

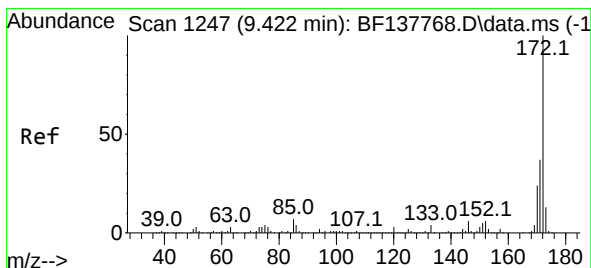
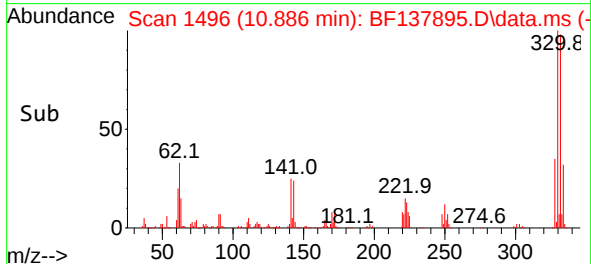
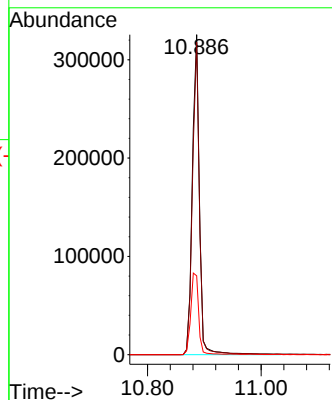
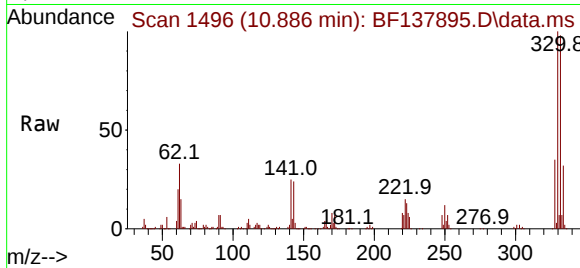




#42
2,4,6-Tribromophenol
Concen: 79.273 ng
RT: 10.886 min Scan# 1496
Delta R.T. -0.012 min
Lab File: BF137895.D
Acq: 10 May 2024 22:21

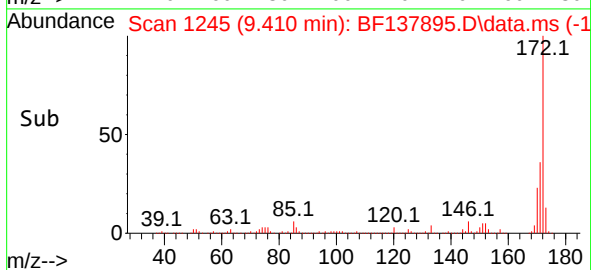
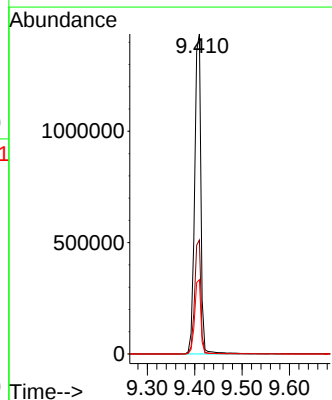
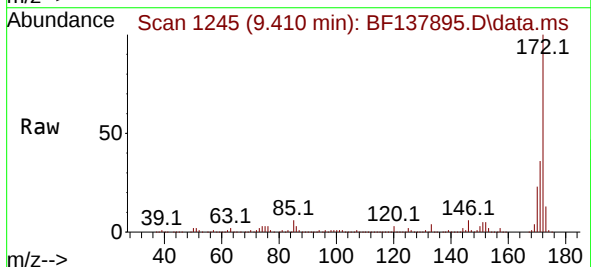
Instrument :
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ClientSampleId :
SW-03-011

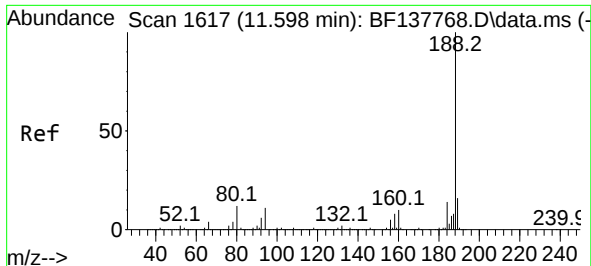
Tgt Ion:330 Resp: 281902
Ion Ratio Lower Upper
330 100
332 95.9 77.3 115.9
141 28.3 23.8 35.6



#45
2-Fluorobiphenyl
Concen: 61.904 ng
RT: 9.410 min Scan# 1245
Delta R.T. -0.012 min
Lab File: BF137895.D
Acq: 10 May 2024 22:21

Tgt Ion:172 Resp: 1328945
Ion Ratio Lower Upper
172 100
171 35.6 29.6 44.4
170 23.2 19.4 29.2

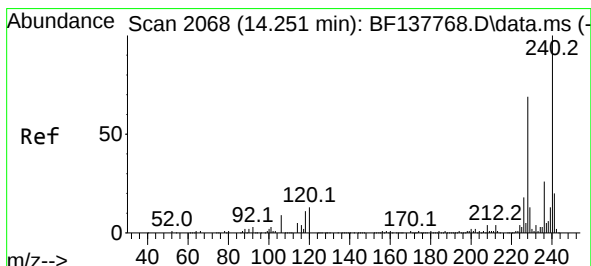
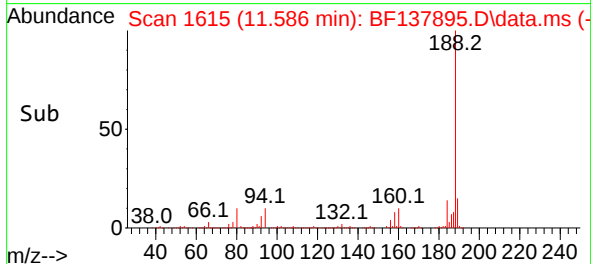
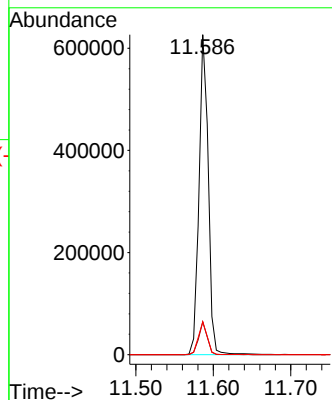
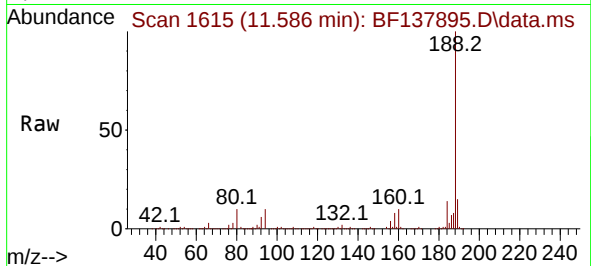




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.586 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137895.D
Acq: 10 May 2024 22:21

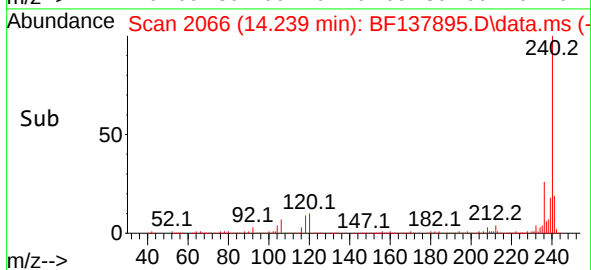
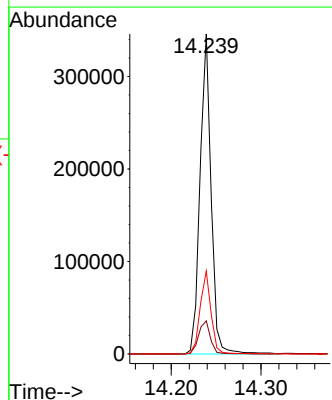
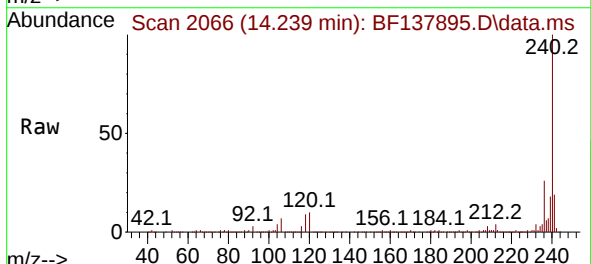
Instrument :
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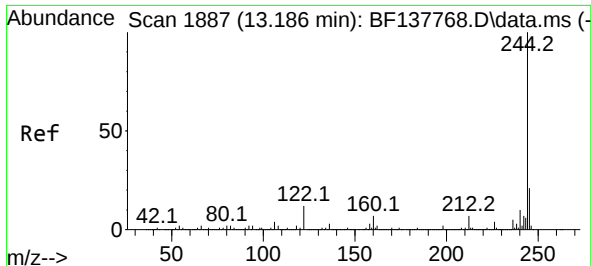
Tgt Ion:188 Resp: 518630
Ion Ratio Lower Upper
188 100
94 10.2 8.8 13.2
80 10.3 9.6 14.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.239 min Scan# 2066
Delta R.T. -0.012 min
Lab File: BF137895.D
Acq: 10 May 2024 22:21

Tgt Ion:240 Resp: 296137
Ion Ratio Lower Upper
240 100
120 10.3 10.4 15.6#
236 25.9 20.4 30.6

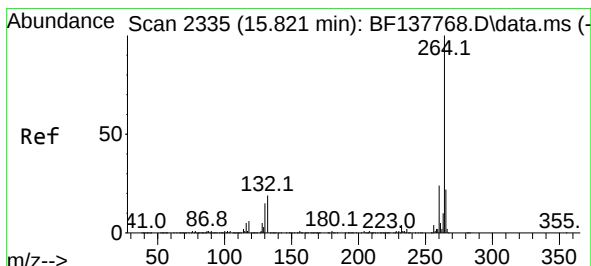
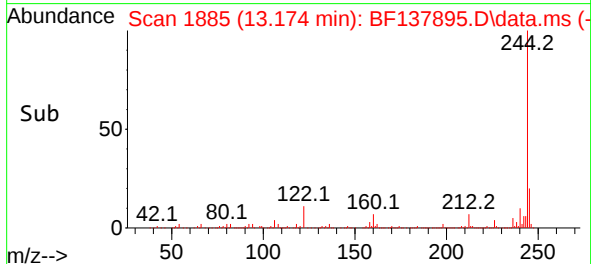
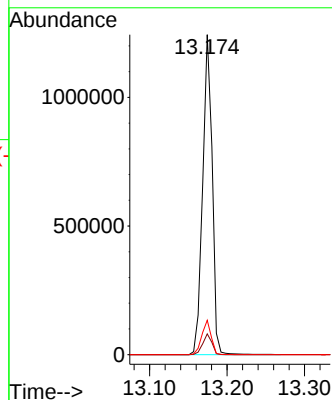
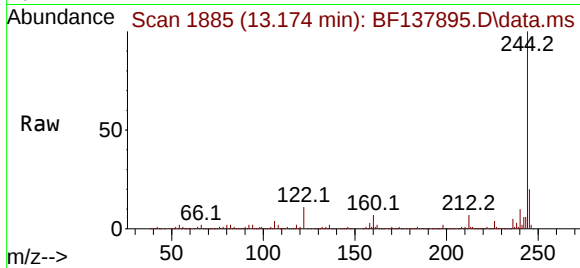




#79
 Terphenyl-d14
 Concen: 60.062 ng
 RT: 13.174 min Scan# 1885
 Delta R.T. -0.012 min
 Lab File: BF137895.D
 Acq: 10 May 2024 22:21

Instrument :
 BNA_F
 ClientSampleId :
 SW-03-011

Tgt Ion:244 Resp: 1061340
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.5 8.3
 122 10.8 9.4 14.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.809 min Scan# 2333
 Delta R.T. -0.012 min
 Lab File: BF137895.D
 Acq: 10 May 2024 22:21

Tgt Ion:264 Resp: 285427
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.9 28.3
 265 21.1 17.4 26.0

